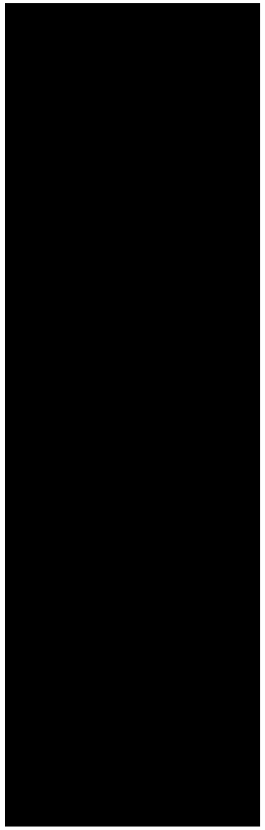


ULTIMA™ 888

Key Operators Manual

Form #510-9004, © 1996, Pure Water, Rev. 4/07

For the Record . . . .

The model and serial number are found on the back panel. You should record all the necessary information below for future reference.

DATE: _____

MODEL: ULTIMA 888

ULTIMA 888 SERIAL #: _____

DISPENSER MODEL: _____

DISPENSER SERIAL #: _____

Important Safety Information . . . .

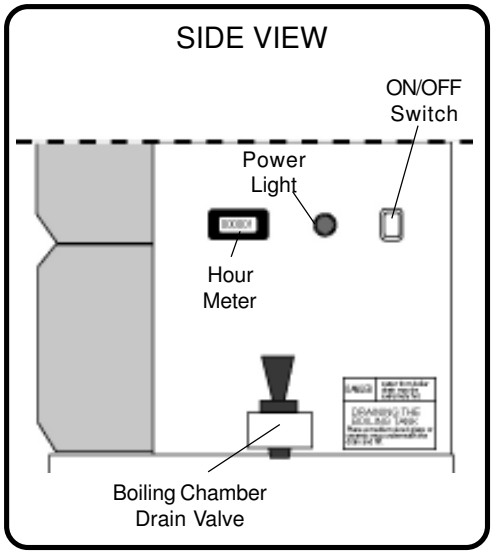
- If you are not sure that your electrical outlet is properly grounded or that the circuit protection is correct, have it checked by a qualified electrician.
- Operate indoors only.
- The area must be well ventilated.
- WARNING: Disconnect from the power source before assembling, adjusting or servicing this appliance.
- NEVER immerse the distiller in water or any other liquid.
- NEVER operate the distiller with a damaged cord or allow the cord to become exposed to hot surfaces.
- DO NOT use an extension cord or any adapters.
- DO NOT let children play with the distiller.
- Wait at least 30 minutes after the distiller is off before draining the boiling chamber.
- Important Notice: This distiller is designed to be used only with Pure Water accessories and replacement components.

Troubleshooting Guide . . . .

Symptom	Probable Cause	Solution
Unit does not operate.	Unit not plugged in.	Plug unit into power source.
	Power failure, circuit breaker or fuse blown.	Reset breaker or replace fuse.
	No water in top tank.	If manual, fill with water. If automatic, ensure water supply is turned ON. If water is ON, call for service.
	Power switch OFF.	Turn power switch ON.
Unit runs, but exhaust is cool.	Heating element failure.	Call for service.
Water has bad smell or taste.	Post filter is depleted or carryover problem.	Call for service.
Dirt in raw water tank.	Excess sediment in feed water.	Call for service.
Unit makes a hissing noise.	Faulty heating element or fan.	Call for service.
Dispenser not cooling.	No coolant in compressor.	Call for service.
No hot water from dispenser.	Hot water switch turned OFF.	Turn switch ON when distilled water tank is full.
	Fuse or heat tab.	Call for service.
Scale forming in the top tank.	Mini-softener depleted.	Call for service.
Leaking of any kind.	Various.	Disconnect power and feed water supply and call for immediate service.

Draining the Boiling Tank . . . .

CAUTION: *The water in the boiling tank may be extremely hot, and should be handled with care! If the unit is operating, let the machine cool for thirty minutes before draining the boiling tank.*



1. Be sure the unit is not operating.
2. While placing a one liter (one quart) or larger container under the drain, squeeze the ends of the spigot handle together and push the handle down. Let the water drain until the flow slows. The liquid may appear dark, but should be free of scale. If scale is evident, or if the water is cloudy, the mini-softener may need to be recharged.

The Key Operators Responsibilities . . . .

Congratulations! Your management has made the decision to use the most advanced drinking water purification system in the world. YOU have been selected by management to be the Key Operator. This means you will get special training and will learn more about the equipment than your co-workers. This is an important responsibility. If a problem arises, you are the first person to be called.

The Key Operator must:

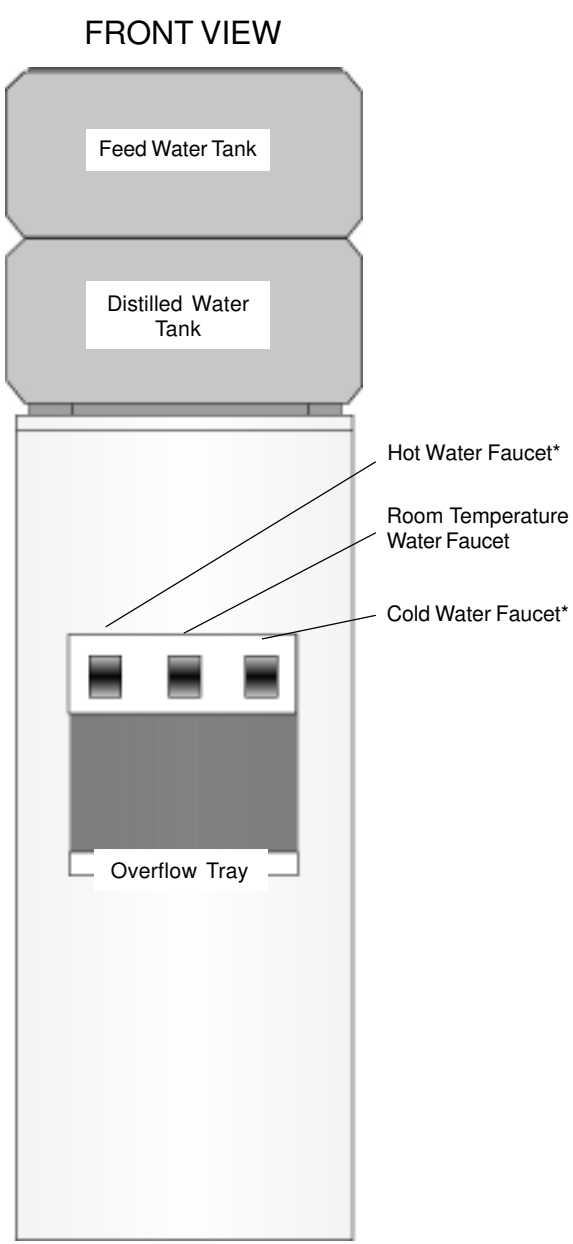
1. Learn the basics on how the equipment operates.
2. Drain the boiling chamber every morning.
3. Ensure the dispenser drip tray is emptied before it overflows.
4. Contact us whenever you or any of your co-workers have a problem with the unit. We will ask you to check various things depending on the information you provide us, and if necessary, we will send out a technician.
5. Wipe down the unit periodically to keep it clean.

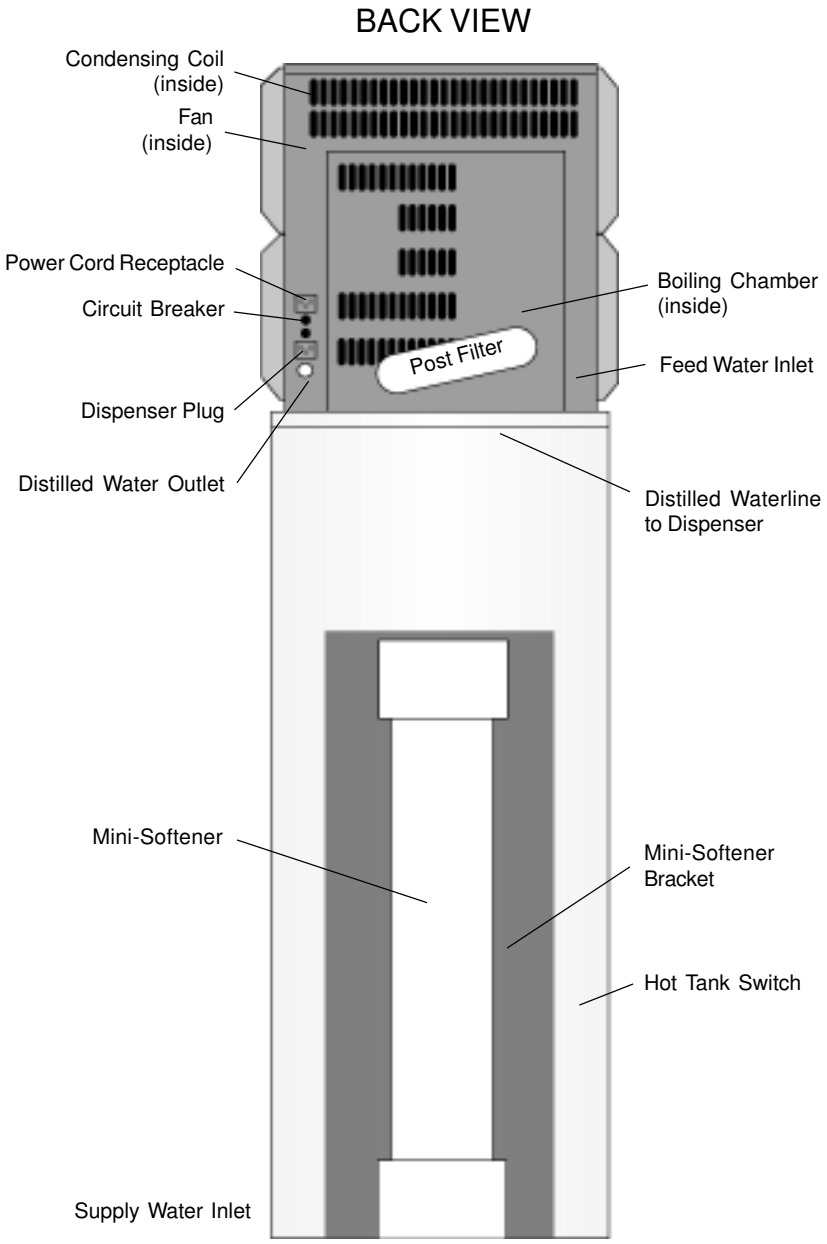
Manual/Automatic Fill . . . .

There are two options for providing feed water to your ULTIMA 888 unit. The first, and most convenient, is to connect the feed water inlet directly to a cold water pipe. This will allow the unit to *automatically* draw the water which it requires. The other alternative is to *manually* fill the raw water storage tank on the top of the machine. If you do not have the opportunity to connect the feed water inlet to a water pipe, you must use the manual fill option.

In the manual mode of operation, you must pour the raw water into the upper storage tank. Your unit may have an optional amber light on the side of the ULTIMA 888 unit. This light turns ON when the raw water storage tank is empty and needs to be filled.

Component Identification . . . .





* Cold and Hot Faucets optional.

How the ULTIMA 888 Works . . . .

Raw water moves through the mini-softener, which removes hardness minerals minimizing maintenance of the boiling chamber. It then flows into the level control housing before entering the boiling chamber.

During the process of distillation, the water is boiled and the steam rises and passes through a finned condensing coil. The fan cools the steam in the condensing coil, converting it to high-purity water, free of virtually all contaminants. The distilled drinking water is then stored in the distilled water tank.

The water then passes through a post filter; either a carbon filter to enhance the taste, or a remineralizing filter which adds minerals to the water.

Upon demand, the distilled water flows into the dispenser, which has an additional storage system. Hot, cold, and room temperature water can be dispensed at your convenience through three separate faucets.